

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

4

**Complete if Known**

Application Number	TBA-(CIP of 10/274,619)
Filing Date	Herewith
First Named Inventor	George S. Gabriel et al.
Art Unit	TBA
Examiner Name	Jordan M. Lofdahl
Attorney Docket Number	364106/0349

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
JH		US- 2,192,479	03-05-1940	J.P. Nissen, Jr.	
JH		US- 2,333,068	10-26-1943	W. Zwanzig	
JH		US- 2,805,794	09-10-1957	R. Amon	
JH		US- 2,239,104	04-22-1941	E. A. Kern	
JH		US- 3,791,590	02-12-1974	Dieter	
JH		US- 3,958,535	05-25-1976	Salvia	
JH		US- 4,022,159	05-10-1977	Salvia	
JH		US- 4,130,088	12-19-1978	Salvia	
JH		US- 6,257,171 B1	07-10-2001	Rivard	
JH		US- 6,571,738 B2	06-03-2003	Rivard	
JH		US- 2003/0226515 A1	12-11-2003	Gabriel et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

Joh Michael

Date  
Considered

08/20/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

SSL-DOCS1 1442562v1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 4**Complete if Known**

Application Number	TBA - (CIP of 10/274,619)
Filing Date	Herewith
First Named Inventor	George S. Gabriel, et al.
Art Unit	TBA
Examiner Name	Not Yet Assigned
Attorney Docket Number	364106/0349

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
JM	1	US- 5,303,751	04-19-1994	Slater et al.	
JM	2	US- 4,040,389	08-09-1977	Walters	
JM	3	US- 6,210,361 B1	04-03-2001	Kamen et al.	
JM	4	US- 3,539,076	11-10-1970	Peggy Weiss	
JM	5	US- 4,697,414	10-06-1987	McCarty	
JM	6	US- 6,206,242 B1	03-27-2001	Amberg et al.	
JM	7	US- 2,001,481	05-14-1935	S.M. Abbott	
JM	8	US- 5,884,810	03-23-1999	Vizcarra et al.	
JM	9	US- 4,341,328	07-27-1982	Redick, Jr.	
JM	10	US- 4,421,253	12-20-1983	Croley	
JM	11	US- 3,482,258	12-02-1969	R.G. Steen	
JM	12	US- 4,120,420	10-17-1978	Dirksing	
JM	13	US- 5,971,207	10-26-1999	McDonough et al.	
JM	14	US- 5,429,273	07-04-1995	King et al.	
JM	15	US- 6,098,844	08-08-2000	Nicolle	
JM	16	US- 5,895,383	04-20-1999	Niedospial, Jr.	
JM	17	US- 4,318,497	03-09-1982	Friedrich	
JM	18	US- 5,002,202	03-26-1991	Karpisek	
JM	19	US- 5,127,550	07-7-1992	Knorr	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner  
Signature*John Mich*Date  
Considered*6/21/05*

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>2</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

SSL-DOCS1 1354214v1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	TBA-(CIP of 10/274,619)
Filing Date	Herewith
First Named Inventor	George S. Gabriel, et al.
Art Unit	TBA
Examiner Name	Not Yet Assigned
Attorney Docket Number	364106/0349

Sheet 3 of 4**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
<i>SM</i>	20	US- 3,100,586	08-13-1963	J.R. Haynes et al.	
<i>SM</i>	21	US- 3,645,234	02-29-1972	Schroer	
<i>SM</i>	22	US- 6,082,583	07-04-2000	Bussell et al.	
<i>SM</i>	23	US- 5,975,359	11-02-1999	Van Marcke	
<i>SM</i>	24	US- 6,026,988	02-22-2000	Teetsel, III et al.	
<i>SM</i>	25	US- 6,247,616 B1	06-19-2001	Weiler et al.	
<i>SM</i>	26	US- 4,723,687	02-09-1988	Kutterer	
<i>SM</i>	27	US- 5,307,953	05-03-1994	Regan	
<i>SM</i>	28	US- 5,462,200	10-31-1995	Weiler	
<i>SM</i>	29	US- 5,791,519	08-11-1998	Van Marcke	
<i>SM</i>	30	US- 5,823,144	10-20-1998	Edstrom, Sr., et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature	<i>[Signature]</i>	Date Considered	9/26/05
--------------------	--------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

SSL-DOCS1 1445752v1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	TBA-(CIP of 10/274,619)
Filing Date	Herewith
First Named Inventor	George S. Gabriel, et al.
Art Unit	TBA
Examiner Name	Not Yet Assigned
Attorney Docket Number	364106/0349

Sheet


4

of

4

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
jn		<del>Shielded Valve: Operational Characteristics, Edstrom Industries, Inc.</del> January 2, 1996.	

Examiner Signature		Date Considered	8/20/05
--------------------	---	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

SSL-DOCS1 1445752v1